

Use of hydrophobically modified copolymers based on N-vinyl monomers to produce membranes

5 Abstract

The present invention relates to the use of copolymers A containing

- 10 a) from 50 to 99% by weight of at least one N-vinyllactam or N-vinylamine selected from the group consisting of N-vinylpyrrolidone, N-vinylpiperidone, N-vinylcaprolactam, N-vinylimidazole, methylated N-vinylimidazole, and N-vinylformamide, and
- 15 b) from 1 to 50% by weight of at least one monomer selected from the group consisting of
 b₁) C₈-C₃₀-alkyl esters of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 b₂) N-C₈-C₃₀-alkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 b₃) N,N-C₈-C₃₀-dialkyl-substituted amides of monoethylenically unsaturated C₃-C₈ carboxylic acids;
 b₄) vinyl esters of aliphatic C₈-C₃₀ carboxylic acids;
 b₅) C₈-C₃₀-alkyl vinyl ethers

to produce membranes.

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